FIG. 1

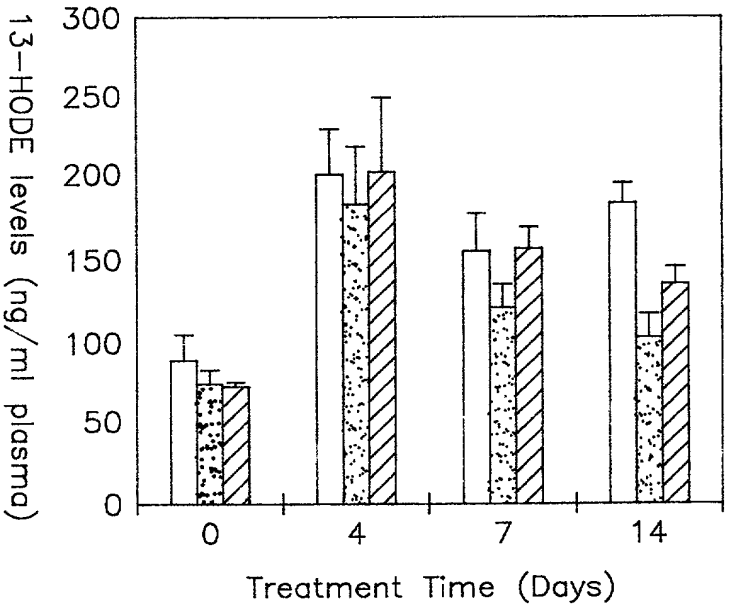

13-HODE levels (ng/ml plasma)
300
250
200
150
100
50
0
0
4
7
14
Treatment Time (Days)

FIG. 1A

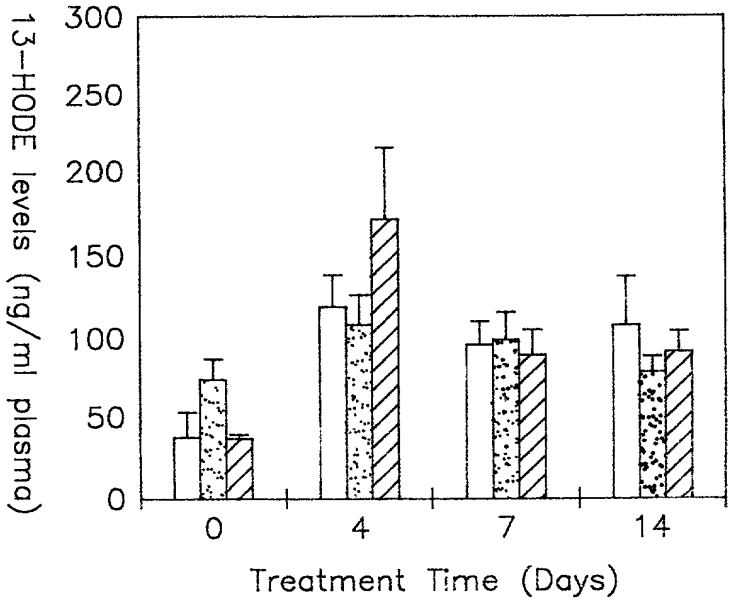

13-HODE levels (ng/ml plasma)
300
250
200
150
100
50
0
0
4
7
14
Treatment Time (Days)

FIG. 2

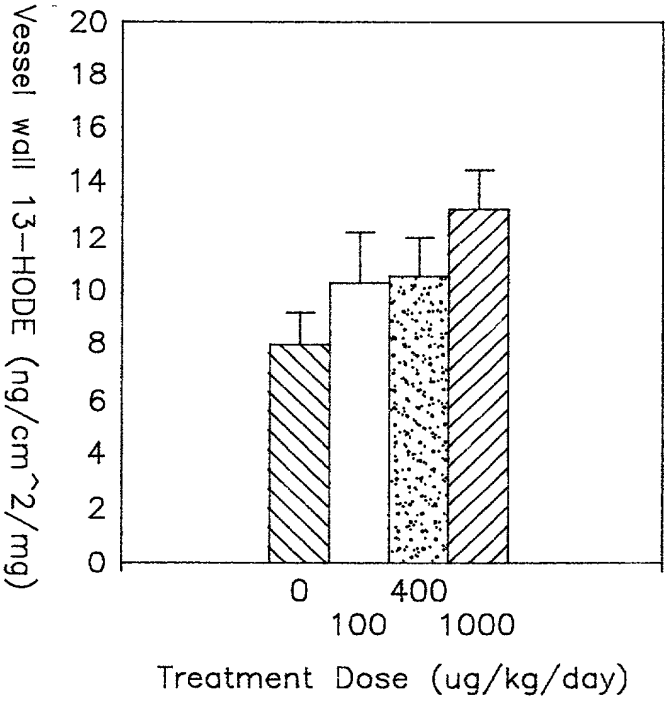

Vessel wall 13-HODE (ng/cm^2/mg)
20
18
16
14
12
10
8
6
4
2
0
0
100
400
1000
Treatment Dose (ug/kg/day)

FIG. 2A

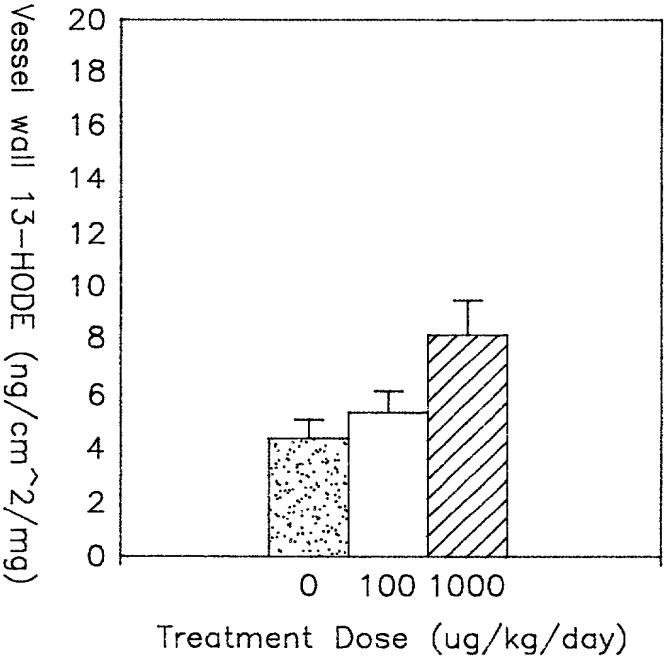

Vessel wall 13-HODE (ng/cm^2/mg)
20
18
16
14
12
10
8
6
4
2
0
0
100
1000
Treatment Dose (ug/kg/day)

FIG. 3

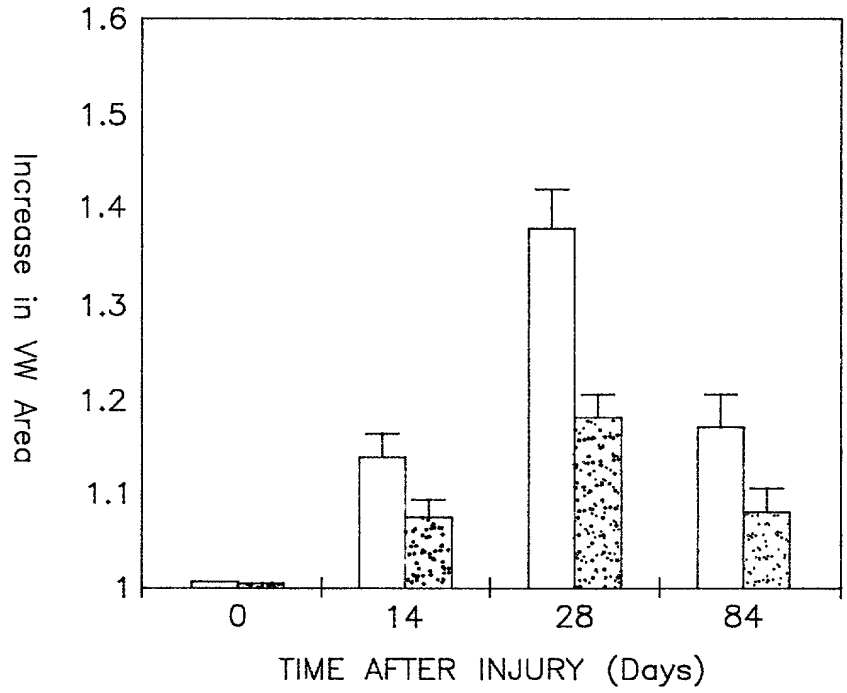

1.6
1.5
1.4
1.3
1.2
1.1
1
Increase in VW Area
0
14
28
84
TIME AFTER INJURY (Days)

FIG. 4

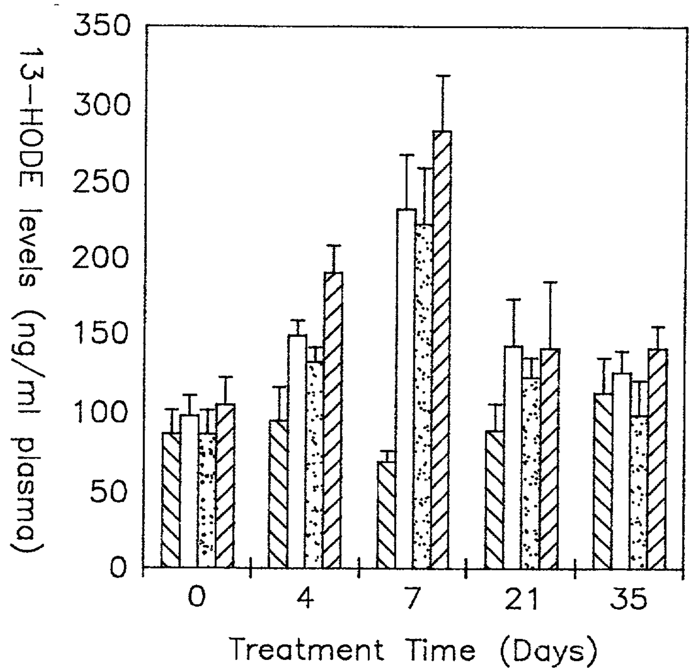
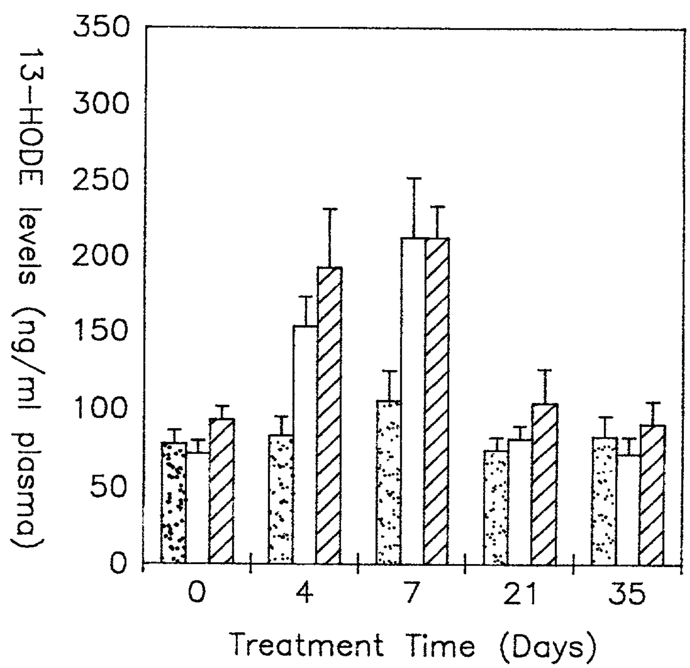


FIG. 4A



09832257 .112101

FIG. 5

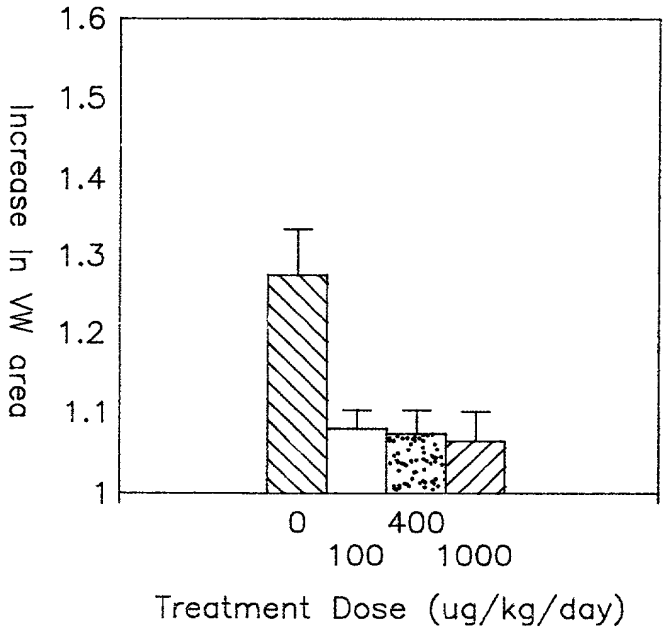

1.6
1.5
1.4
1.3
1.2
1.1
1
Increase In VW area
0
100
400
1000
Treatment Dose (ug/kg/day)

FIG. 5A

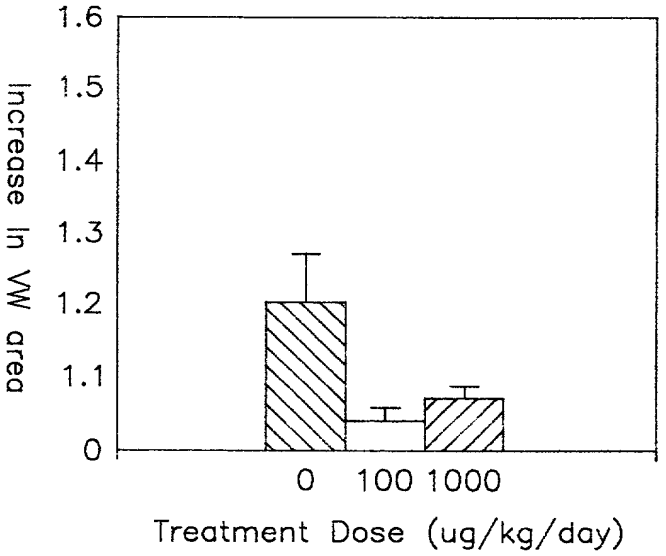
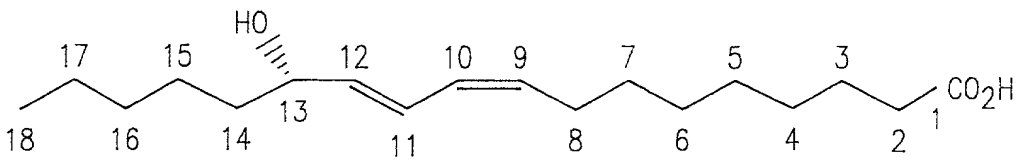

1.6
1.5
1.4
1.3
1.2
1.1
0
Increase In VW area
0
100
1000
Treatment Dose (ug/kg/day)

FIG. 6



Proton nmr spectrum (270MHz; $CDCl_3$)

δ(ppm) 6.5(1H, dd, H_{11} $J_{11,10}$ =11Hz, $J_{11,12}$ =15.2Hz), 6.0(1H, t, H_{10}, $J_{10,9}$ =$J_{10,11}$ =11Hz), 5.7(1H, dd, H_{12}, $J_{12,11}$ =15.2Hz, $J_{12,13}$ =6.8Hz), 5.4(1H, dt, H_9, $J_{9,8}$ =7.7Hz, $J_{9,10}$ =10.8Hz), 4.1(1H, m, H_{13}), 2.4(2H, t, H_2, $J_{2,3}$ =7.3Hz), 2.2(2H, m, H_8), 1.6(4H, m, H_3, H_{14}), 1.3(14H, m, H_{17}, H_{16}, H_{15}, H_7, H_6, H_5, H_4) and 0.9 (3H, t, H_{18}, $J_{18,17}$ =6.7Hz).

Carbon−13 nmr spectrum (67.8MHz, $CDCl_3$)

δ(ppm) 179.3(C_1), 135.6(C_{12}), 132.6(C_9), 127.8(C_{10}), 125.8(C_{11}), 72.9(C_{13}), 37.1−22.4(C_{17}, C_{16}, C_{15}, C_{14}, C_8, C_7, C_6, C_5, C_4, C_3, C_2) and 13.9(C_{18}).

Infrared spectrum

3500−2500cm^{-1} (broad O−H stretch) and 1709cm^{-1}(C=O stretch)

Ultraviolet spectrum (ethanolic solution)

λmax=232nm ($\varepsilon \equiv 25{,}000$ mol^{-1} dm^3 cm^{-1})

Soluble in ethanol, dichloromethane

Insoluble in hexane, water.